THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) No, Sir.

(b) and (c) Do not arise.

(d) The foreign companies wishing to set up a generating company in India will have to incorporate a company under the Indian Companies Act. This company will be subject to Indian Taxation Laws.

(e) The tariff guidelines provide 16% return on equity computed on the paid up and subscribed capital relatable to the generating unit, as an element of annual fixed charges. This is applicable to both Indian and foreign investors.

**टिहरी बांध परियोजना के लिए रूस की ओर से सहायता की पेशकश**

5522. **श्री अजित जोगी** : क्या विद्युत मंत्री यह बताने की कृपा करेंगे कि :—

(क) टिहरी बांध परियोजना का कितने प्रतिशत निर्माण-कार्य पूरा हो चुका है,

(ख) क्या रूस ने इस परियोजना के लिए एक-मुश्त वित्तीय सहायता प्रदान करने की है, और

(ग) यदि हां, तो इसका ब्यौरा क्या है ?

**विद्युत मंत्रालय में राज्य मंत्री में (श्री पी०वी० रंगैया नायडू)** : (क) परियोजना पर किए गए व्यय की शर्तों के अनुसार, टिहरी बांध परियोजना का लगभग 29 प्रतिशत निर्माण कार्य पूरा हो चुका है।

(ख) जी, नहीं।

(ग) प्रश्न उत्पन्न नहीं होता।

**Modernisation and Expansion of Power Generation System**

5523. SHRI CHIMANBHAI HARIBHAI SHUKLA: Will the Minister of POWER be pleased to state:

(a) whether Government propose to take concrete measures to modernise and expand the power generation system in the country;

(b) if so, the details of the plans finalised proposed in this regard and the action to be taken thereon during the Eighth Five Year Plan; and

(c) the performance of the Power Grid Corporation of India during the last three years?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) and (b) A Renovation & Modernisation (R&M) programme for both Hydro and Thermal Power Stations has been taken up. For Thermal Power Stations, a R&M programme of 34 Stations covering 164 units, aggregating to a total capacity of 13585.5 MW was launched in September, 1984. The latest total sanctioned cost is Rs. 1222.88 crores. At present, 87% of activities have been completed and the balance activities are expected to be completed in the year 1994-95. On completion, an additional generation of the oder of 7000 MU is expected. The second phase of the programme, covering 209 units in 46 Thermal Power Stations with a total capacity of 20871 MW and at a sanctioned cost of Rs. 1847.80 crores has been launched during the 8th Plan. On completion of this programme, an additional generation of the order of 8750 MU is expected.

Similarly, a programme for R&M and uprating of 55 Hydel schemes aggregating to an installed capacity of 9648 MW has been finalised at an estimated cost of Rs. 1310 crores. Out of these 55 schemes, 4 schemes have already been completed and another 26 schemes are likely to accrue benefits during the 8th Plan period.

(c) The overall achievement of the Power Grid Corporation in their construction programme has been 113% in 1991-92, 100% in 1992-93 and nearly 100% in 1993-94 (up to January, 1994).

**Power Generation in Gujarat and Maharashtra**

5524. SHRIMATI CHANDRIKA ABHINANDAN JAIN: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that power generation in a number of Power Projects in Gujarat and Maharashtra could not be started because of financial constraints;

(b) if so, the details thereof; and

(c) what measures are being taken by Government for the removal of such financial constraints for starting power projects in these States?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) to (c) Khaperkhera Thermal Power Station Extension Stage II (2 × 210 MW), which had been sanctioned by the Planning Commission in June, 1988 could not be taken up for implementation due to financial constraints. It has now been offered by Maharashtra State Electricity Board (MSEB) for private sector participation. Starting of no power generation project in Gujarat has been delayed on account of financial constraints.

**Improving the Structure of SEBs**

5525. DR. NAUNIHAL SINGH: Will the Minister of POWER be pleased to state:

(a) whether the financial and accounting system and the method of preparation of balance sheets and type of book-keeping maintained by state electricity boards are age old;

(b) whether it is a fact that the present structure of the Boards is not conducive to development but is oriented more to Government way of working, as also to meet the social obligation of supplying electricity in subsidised way, at low cost;

(c) if so, whether Government are considering to bring about drastic changes in the State Electricity Boards; and

(d) what steps have been taken by Government to improve the structure of the state electricity boards, in the light of the amendments to the Electricity Supply Act?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) Commercial Accounting System was introduced in the State Electricity Boards in 1985-86. A Working Group consisting of experts from the State Electricity Boards has been constituted to review the system.

(b) and (c) An NDC Committee on Power has been constituted to review the institutional and financial structure of the State Power Utilities and recommend necessary changes which would ensure that they would function on commercial lines with adequate customer-orientation.

(d) The Action Plan adopted by the Power Minister's Conference in January, 1993 provide, *inter-alia*, for conversion of part of the loans given by State Govts. to State Electricity Boards into equity.

**राष्ट्रीय ताप विद्युत निगम की ताप-विद्युत परियोजनाएं**

5526. श्री रामजी लाल : क्या विद्युत मंत्री यह बताने की कृपा करेंगे कि :

(क) राष्ट्रीय ताप विद्युत निगम की विभिन्न ताप-विद्युत परियोजनाओं को निर्धारित समय के अन्दर पूरा न करने के क्या कारण हैं;

(ख) क्या इसके कारण परियोजनाओं की लागत में वृद्धि हुई है; यदि हां, तो इस सम्बन्ध में फरीदाबाद तथा अदुनानगर में ताप-विद्युत परियोजनाओं के सन्दर्भ में ब्यौरा क्या है;

(ग) क्या इन परियोजनाओं को समय पर पूरा न किए जाने के परिणामस्वरूप देश में बिजली की कमी हो जाएगी; और

(घ) हरियाणा में राष्ट्रीय ताप विद्युत निगम की परियोजना का ब्यौरा क्या है ?

विद्युत मंत्रालय में राज्य मंत्री (श्री पी०वी० रंगैय्या नायडू) : (क) राष्ट्रीय ताप विद्युत निगम की निर्माणाधीन परियोजनाओं के पूरा न हो पाने के निम्नलिखित कारण हैं :—

| क्र०सं० | परियोजना का नाम | राज्य जिसमें अवस्थित है | क्षमता | विलम्ब के मुख्य कारण |
|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) |
| 1 | राष्ट्रीय राजधानी ताप विद्युत परियोजना | उत्तर प्रदेश | 4×210 फेरोवाट | यूनिट-2 टर्बोजेन-रेटर के उत्थापन की गति का धीमी होना<br>यूनिट-3 टर्बोजेनरेटर के उत्थापन कार्य शुरू होने में विलम्ब |